

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 78-108

NPDES PERMIT NO. CA0005436
WASTE DISCHARGE REQUIREMENTS
FOR
LONE STAR INDUSTRIES, INC., OAKLAND
SAN LEANDRO STREET PLANT, YARD #252

The California Regional Water Quality Control Board, San Francisco Bay Region, hereinafter called the Board, finds that:

1. Lone Star Industries, Inc., hereinafter called the discharger, submitted for its Oakland plant at 9315 San Leandro Street a National Pollutant Discharge Elimination System (NPDES) Application for Permit to Discharge - Short Form C, dated July 27, 1978, for reissuance of its current NPDES Permit No. CA0005436 (Order 74-13 which expires January 30, 1979).
2. Discharger is currently in compliance with waste discharge requirements specified in Order 74-13 adopted by the Board on February 19, 1974, and its amending Order 76-12 adopted February 17, 1976.
3. Discharger operates its plant all year, five days a week. The plant's principal product is concrete mix in sacks, and its principal process is weighing, blending, and packaging of cement, sand, and gravel. The plant yard also contains a deactivated ready-mix concrete batch facility. The discharger has no present plans to activate it.
4. Discharger is discharging wastewater containing pollutants from two discharge points (Waste 001 and Waste 002) on its plant property to a municipal storm sewer. The wastewater discharge consists of an estimated 1000 to 4999 gallons per operating day, of which approximately 95 percent is treated by a series of three settling tanks. Waste 001: stormwater runoff from the north side of the plant yard, drainage from wet sand and gravel, wastewater from occasional truck cleaning operations, and wash water used to clean a conveyor belt transporting wet sand are collected and pumped to a series of three settling tanks, and wastewater is discharged from the end settling tank through a 16" line to the municipal storm sewer at the northwest side of the plant yard. The settled material in these tanks is removed when necessary and recycled at the plant. Waste 002 is stormwater runoff from the south side of the plant yard which drains to an open ditch and then through a 6" iron pipe to the municipal storm sewer at the southwest side of the yard. (See drawing, Attachment 1.)
5. On April 8, 1975, the Board adopted a Water Quality Control Plan for the San Francisco Bay Basin. This plan contains water quality objectives for San Leandro Bay.
6. The beneficial uses of San Leandro Bay and contiguous waters are:

- a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial water supply
 - e. Esthetic enjoyment
 - f. Navigation.
7. Effluent limitation and toxic effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharges.
 8. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of hearing provided the Regional Administrator has no objections.
 9. The Board is not required to comply with the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (California Environmental Quality Act) as this is an NPDES permit and is exempt from such provisions per Section 13389 of the Water Code.
 10. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharges and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
 11. The Board in a public meeting heard and considered all comments pertaining to the discharges.

IT IS HEREBY ORDERED, Lone Star Industries, Inc., Oakland, San Leandro Street Plant, in order to meet the provisions contained in Division 7 of the California Water Code, and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act, and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. The discharge of Wastes 001 or 002 in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units</u>	<u>Instantaneous Maximum</u>
Settleable Solids	ml/l-hr	0.5
Oil and Grease	mg/l	15

2. The discharge shall not have a pH of less than 6.5 nor greater than 8.5.
3. Instantaneous maximum limitations shall be applied to the values of the measurements obtained for any single grab sample.
4. The discharge to waters of the State of any waste due to activation of the ready-mix concrete batch facility is prohibited.

B. Provisions

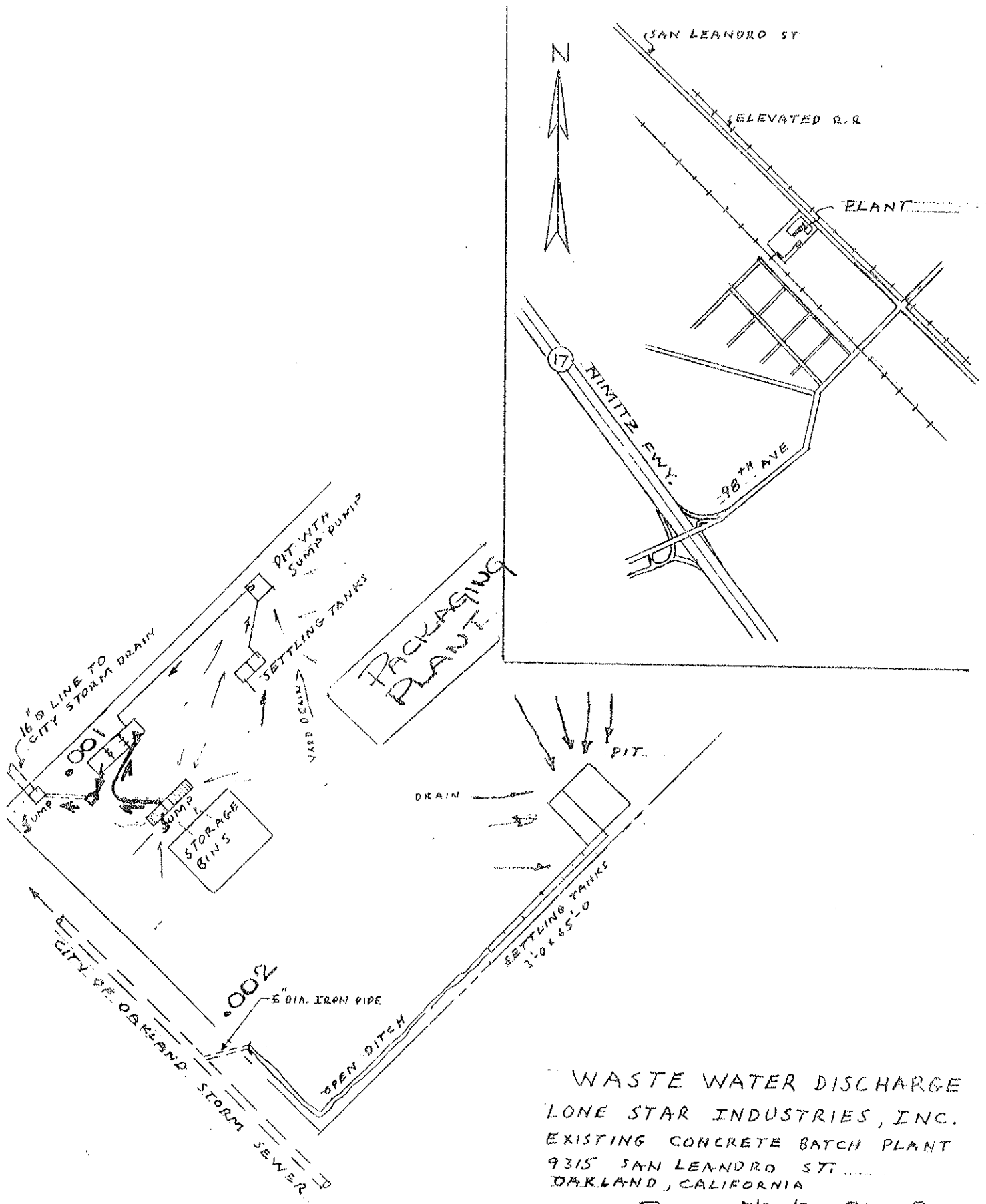
1. The discharger shall file with the Board such technical reports on self-monitoring work performed according to the detailed specifications contained in any monitoring and reporting program as directed by the Executive Officer.
2. Discharger shall comply with the attached "Standard Provisions, Reporting Requirements, and Definitions, dated April 1977", except for items A.5, B.2, C.1,2,3,4.
3. The discharger shall comply with all Sections of this Order immediately upon its adoption.
4. Upon adoption of this Order, Orders 74-13 and 76-12 are rescinded.
5. At least 30 days prior to the reactivation of the concrete batch plant, the discharger shall submit a report to the Board providing the following information:
 - a. The facilities being constructed to ensure compliance with A.4 above.
 - b. The date on which such facilities are expected to be operational.
 - c. The proposed date on which the batch plant is expected to resume production.
6. This Order expires on January 30, 1984, and the discharger must file a report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on December 19, 1978.

FRED H. DIERKER
Executive Officer

Attachments:

1. Sketch of Plant Property
2. Standard Provisions, Reporting Requirements and Definitions, dated April 1977
3. Self-Monitoring Program



WASTE WATER DISCHARGE
 LONE STAR INDUSTRIES, INC.
 EXISTING CONCRETE BATCH PLANT
 9315 SAN LEANDRO ST
 OAKLAND, CALIFORNIA

REVISED 7/27/78 RSK-RFM

(ATTACHMENT #1)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

LONE STAR INDUSTRIES, INC.,

SAN LEANDRO STREET, OAKLAND,

YARD #252

NPDES NO. CA 0005436

ORDER NO. 78-108

CONSISTS OF

PART A (dated January 1978)

AND

PART B (dated December 19, 1978)

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. EFFLUENT

<u>Station</u>	<u>Description</u>
E-001	At any point in the drainage piping at the west corner of the plant between the point at which it joins that of the St. Vincent de Paul building and the point at which all waste tributary to that junction is present.
E-002	At the point on the south side of the plant where the open ditch from the washout pit joins the 6" diameter iron pipe.

II. SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS

1. The schedule of sampling and analysis shall be as given in Table I below:

TABLE I

Sampling Stations	E-001	E-002
Type of Sample	Grab	Grab
Settleable Matter (ml/l-hr)	2/M*	2/M*
Total Suspended Matter (mg/l)	2/M*	2/M*
Oil and Grease (mg/l)	2/M*	2/M*
Turbidity (Jackson Turbidity Units)	2/M*	2/M*
pH (units)	2/M*	2/M*
All Applicable Standard Observations	2/M*	2/M*

*To be sampled two days per month. During dry weather months, samples shall be taken on varying days, selected at random. During wet weather months, samples shall be collected during the initial portion of each storm runoff period (not more than twice per month).

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 78-108 (NPDES No. CA0005436).
2. Includes the following modification of Part A, dated January 1978:
 - a. Paragraph F.3 is modified to require that self-monitoring reports shall be filed for each calendar quarter within 15 days after the end of each quarter.
 - b. The following paragraphs of Part A do not apply: C.1, C.3, C.4, C.5.a, C.5.c, C.5.d, C.5.e, D.1, D.2.a, D.3, D.4, E.2, E.4, F.3.e, and F.3.g.
3. Has been ordered by the Executive Officer on December 19, 1978. and becomes effective immediately.
4. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer